
TIRES - PURSUIT, PASSENGER CAR AND LIGHT DUTY TRUCK, MEDIUM / HEAVY DUTY TRUCK AND INDUSTRIAL / AGRICULTURE USE

1 SCOPE

This specification describes the requirements for tires utilized by statewide agencies for law enforcement vehicles, passenger cars, light duty trucks, buses and trailers, medium to large duty trucks, and agriculture, construction, fire engines, and crew transports.

2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES

Specifications, standards and codes referenced in this document in effect on the opening of the Invitation For Bid (IFB) form a part of this specification. All tires shall comply with the following Federal and State rules, regulations and safety standards:

1. Department of Transportation (DOT)
2. Society of Automotive Engineers (SAE)
3. The Tire and Rim Association (TRA)
4. American Society of Testing and Materials (ASTM)
5. National Institute of Standards and Technology (NIST)

3 REQUIREMENTS**3.1 GENERAL**

Products shall be new and equivalent in style, quality, and appointments to those offered to the general public. Tires shall be of standard original equipment manufacturer (OEM) quality equal to or superior in every respect to those normally furnished as original equipment for such vehicles. Tires shall be of minimum OEM recommended tread wear rating for each group category described in this specification.

For the purpose of this specification, (4) category groups are as follows:

3.1.1 Group 1: Pursuit Performance Category

- 3.1.1.1 Pursuit Performance tires for police and other pursuit vehicles and for other high-speed, performance vehicles include any tire that is H, V, W, Y, or ZR rated or above. An H rating is the minimum speed rating for tires in this subcategory.
- 3.1.1.2 Tires shall be new, standard production tires expressly designed and certified by manufacturer for high-speed operation and shall exhibit exceptional safety, stability, handling and stopping characteristics.
- 3.1.1.3 Contractor shall maintain evidence/certifications that such tires meet all laboratory test and size requirements of Federal Standards MVSS 109 and shall ensure that the tires are marked with "DOT" compliance symbol.
- 3.1.1.4 Only tires listed on the Qualified Products List (QPL) provided as **Exhibit 1** shall be allowed for purchase under this category.

3.1.2 Group 2: Passenger Car/ Light Duty Truck Category

- 3.1.2.1 Passenger car tires are designated with a "P" at the beginning of the tire size.

- 3.1.2.2 Light Duty truck tires can usually be identified by the letters "LT" at the beginning of the tire size. Common applications for these types of tires would be pickup trucks, sport utility vehicles, full size vans and some trailers.
- 3.1.3 Group 3: Medium/Large Truck, Fire Engines, Crew Transport and Bus Category
 - 3.1.3.1 Common applications for these types of tires would be medium and heavy trucks, fire engines, buses, semi-trucks, cargo vans and trailer tires. Tires in this subcategory have an inside diameter that is equal to or greater than nineteen and a half (19.5) inches.
- 3.1.4 Group 4: Agriculture/Construction Category
 - 3.1.4.1 Common applications are heavy construction equipment such as wheel loaders, backhoes, graders, trenchers, farm tractors, wagons, harvesters, and other farm implements requiring tires with high traction qualities and tires with high flotation qualities at low inflation pressures.

3.2 LOW-ROLLING RESISTANCE TIRES

Low rolling resistance tires aid in better fuel economy as compared to the average replacement tire. To maintain the fuel economy in fleet vehicles, California requires certified low rolling resistance tires to be available as replacement tires to existing fleet vehicles.

- 3.2.1 Bidders shall identify in their bid response the line items that are Low Rolling Resistance Tires.

Exhibit 1

The following tires have been evaluated for pursuit and performance compliance and have been accepted by the California Highway Patrol (CHP) under Category Group I of this specification:

<u>Vehicle</u>		<u>Tire Size</u>
1998 through 2002 Ford CVPIs		P225/60R16
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Goodyear Tire	V	Eagle RS-A
General Tire	V	XP2000V4
Firestone Tire	V	Firehawk PV41
<u>Vehicle</u>		<u>Tire Size</u>
2002 Chevrolet Camaro		P245/50ZR16
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Goodyear Tire	V	Eagle RS-A
Goodyear Tire	V	Eagle F1 GS-D3
<u>Vehicle</u>		<u>Tire Size</u>
2003 through 2004 Ford CVPIs		P225/60R16
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Goodyear Tire	V	Eagle RS-A Plus
Firestone Tire	V	Firehawk PV41
Goodyear Tire	V	Eagle RS-A (Executive vehicles only)
<u>Vehicle</u>		<u>Tire Size</u>
2005 Ford CVPIs		P225/60R16
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Goodyear Tire	V	Eagle RS-A Plus
Firestone Tire	V	Firehawk PV41
Continental Tire	V	Contiextreme Contact
Goodyear Tire	V	Eagle RS-A (Executive vehicles only)
<u>Vehicle</u>		<u>Tire Size</u>
2006 through 2007 Ford CVPIs		P235/55R17
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Goodyear Tire	W	Eagle RS-A
Continental Tire	W	ContiProContact
Cooper Tire	W	Sport A/S Zeon
Firestone	W	Firehawk GT Pursuit
<u>Vehicle</u>		<u>Tire Size</u>
2007 through 2009 Dodge Charger "E" Class Sedans		P225/60R18
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Continental Tire	V	ContiProContact
Firestone Tire	V	Firehawk GT Pursuit
Goodyear Tire	V	Eagle RS-A
<u>Vehicle</u>		<u>Tire Size</u>
2013 Ford Police Interceptor Sedan and Utility		P245/55R18
<u>Manufacturer</u>	<u>Speed Rating</u>	<u>Brand</u>
Goodyear Tire	W	RSA-Eagle (All-Season/Temp A)